## WHAT IS CLAIMED IS:

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1. An input system comprising: an information generation part which generates input information based on a given input operation:

a transmission part which transmits signals generated by having a plurality of different carrier frequencies modulated with the input information; and

a reception part which receives the 15 transmitted signals and demodulates the signals into the input information.

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- 2. The input system as claimed in claim 1, further comprising wave direction parts which are provided close to said transmission part so as to provide the signals transmitted from said transmission part with directivity.
- 30 3. The input system as claimed in claim 2, wherein said wave direction parts are antennas.

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4. The input system as claimed in claim 1, wherein said transmission part comprises a plurality

of transmission circuits for transmitting the signals of the different carrier frequencies.

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The input system as claimed in claim 1, wherein said transmission part comprises: an output part which successively outputs

the different carrier frequencies; and 10 a modulation part which has the different carrier frequencies modulated with the input information.

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6. The input system as claimed in claim 4, wherein each of the transmission circuit comprises: an output part which outputs a corresponding one of the different carrier frequencies; and

a modulation part which has the corresponding one of the different carrier frequencies modulated with the input information.

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7. The input system as claimed in claim 1, 3.0 wherein said reception part comprises a plurality of reception circuits for receiving the transmitted signals and demodulating the signals into the input information.

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 The input system as claimed in claim 1, further comprising a pad member including conductive wire.

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 The input system as claimed in claim 1, further comprising a conductive part,

wherein a user contacts said conductive part so that the signals transmitted from said transmission part are transmitted via said conductive part to the user.

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10. The input system as claimed in claim 1. further comprising:

a conductive plate member; and a conductive part,

wherein said conductive part contacts said conductive plate member so that the signals transmitted from said transmission part are

25 transmitted via said conductive part to said conductive plate member.

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11. The input system as claimed in claim 1, further comprising a plurality of wave direction parts for receiving the signals transmitted from said transmission part, said wave direction parts being provided on a side of said reception part.

12. An input system comprising: an information generation part which generates input information based on a given input operation;

a transmission part which transmits a signal generated by having a carrier frequency modulated with the input information;

a plurality of wave direction parts which are provided close to said transmission part so as 10 to provide the signal transmitted from said transmission part with directivity; and

a reception part which receives the transmitted signal and demodulates the signal into the input information.

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13. The input system as claimed in claim 20 12, further comprising a switching part which transmits the transmitted signal selectively to one of said wave direction parts based on a control signal supplied from said information generation part.

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14. The input system as claimed in claim 0 12, wherein said transmission part comprises a plurality of transmission circuits for transmitting the signal.

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15. The input system as claimed in claim

12, wherein said wave direction parts are antennas.

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16. An input device comprising: an information generation part which generates input information based on a given input operation; and

a transmission part which transmits signals generated by having a plurality of different carrier frequencies modulated with the input information.

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17. The input device as claimed in claim 16, further comprising wave direction parts which are provided close to said transmission part so as to provide the signals transmitted from said transmission part with directivity.

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18. The input device as claimed in claim 17, wherein said wave direction parts are antennas.

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19. The input device as claimed in claim 16, wherein said transmission part comprises a 35 plurality of transmission circuits for transmitting the signals of the different carrier frequencies.

a modulation part which has the different carrier frequencies modulated with the input information.

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21. The input device as claimed in claim 19, wherein each of the transmission circuit comprises:

15 an output part which outputs a corresponding one of the different carrier frequencies; and a modulation part which has the

corresponding one of the different carrier
20 frequencies modulated with the input information.

25 22. The input device as claimed in claim 16, further comprising a conductive part provided on a surface of the input device,

wherein a user contacts said conductive part so that the signals transmitted from said transmission part are transmitted via said conductive part to the user.

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23. The input device as claimed in claim 16, further comprising a conductive part provided on

a bottom of the input device,

wherein said conductive part contacts a conductive plate member so that the signals transmitted from said transmission part are transmitted via said conductive part to the conductive plate member.

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24. An input device comprising: an information generation part which generates input information based on a given input operation:

a transmission part which transmits a signal generated by having a carrier frequency modulated with the input information; and

a plurality of wave direction parts which are provided close to said transmission part so as to provide the signal transmitted from said transmission part with directivity.

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25. The input device as claimed in claim 24, further comprising a switching part which transmits the transmitted signal selectively to one of said wave direction parts based on a control signal supplied from said information generation part.

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\$26\$ . The input device as claimed in claim  $24\,,$  wherein said transmission part comprises a

plurality of transmission circuits for transmitting the signal, the transmission circuits corresponding to the wave direction parts.

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 $$27.$\,$  The input device as claimed in claim  $$24,$\,$  wherein said wave direction parts are antennas. \$10